

What is claimed is:

Sub A1

1. A likeness drawing apparatus for creating a portrait by combining portrait parts, which comprises:
 - a selection order input unit for inputting one or more identifiers (IDs) of the portrait parts;
 - a parts storage unit for storing said IDs and images of said portrait parts;
 - a parts selection unit for reading out said images in accordance with said ID;
- 10 a deformation order input unit for inputting deformation orders for deforming said images by selecting at least one operation among movement, rotation, inversion, expansion, and compression;
- 15 an edition order input unit for inputting edition orders to add dots and /or lines;
- a computation unit for deforming and editing said images in accordance with said deformation orders and said edition orders;
- 20 and a display unit for displaying a portrait created by said computation unit.

2. The likeness drawing apparatus according to claim 1, which further comprises a registration order input unit for inputting registration identifiers (IDs), wherein:
 - said computation unit returns deformed images of said portrait parts to said parts selection unit;
 - said parts storage unit stores said deformed images together with said registration IDs for said deformed images.
3. The likeness drawing apparatus according to claim 1, which further comprises a parts generation unit connected with

~~said parts selection unit, wherein:~~

~~said parts generation unit generates new portrait parts and
 new portrait parts identifies (IDs); and~~

5 ~~said parts storage unit stores said new portrait parts and
 said new portrait parts identifies (IDs).~~

4. The likeness drawing apparatus according to claim 1,
wherein ~~said computation unit:~~

~~selects one or more parts in the created portrait;~~

10 ~~executes inverse transformation on the basis of said
 deformation orders;~~

~~transfers the result of said inverse transformation to said
 parts selection unit;~~

~~deforms said result of said inverse transformation on the
 basis of another deformation orders.~~

15 5. A likeness drawing apparatus for creating a portrait by
combining portrait parts, which comprises:

~~a selection order input unit for inputting one or more
 identifiers (IDs) of the portrait parts;~~

20 ~~a parts storage unit for storing said IDs and images of said
 portrait parts;~~

~~a parts selection unit for reading out said images in
 accordance with said ID;~~

25 ~~a deformation order input unit for inputting deformation
 orders for deforming said images by selecting one of operations
 among movement, rotation, inversion, expansion, or
 compression;~~

~~an edition order input unit for inputting edition orders to edit
 dots and /or lines on said images;~~

~~a computation unit for deforming and editing said images in~~

accordance with said deformation orders and said edition orders;

and a display unit for displaying a portrait created by said computation unit.

5 6. A likeness drawing apparatus for creating a portrait by combining portrait parts, which comprises:

a selection order input unit for inputting one or more identifiers (IDs) of the portrait parts;

10 a parts storage unit for storing said IDs and images of said portrait parts;

a parts selection unit for reading out said images in accordance with said ID;

an edition order input unit for inputting edition orders to edit dots and /or lines on said images;

15 a computation unit for deforming and editing said images in accordance with said edition orders;

and a display unit for displaying a portrait created by said computation unit.

7. A likeness drawing method for creating a portrait by combining portrait parts, which comprises the steps of:

inputting an identifier (ID) of a part of said portrait;

reading out an image of said part from a parts storage unit for storing pairs of said part IDs and part images;

25 inputting an order for deforming said image by using at least one operation among movement, rotation, inversion, expansion, and compression;

inputting an edition order for editing segments and or dot trains on said image;

deforming and editing said image in accordance with said

deformation order and said edition order; and
displaying a result of said deforming and editing.

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